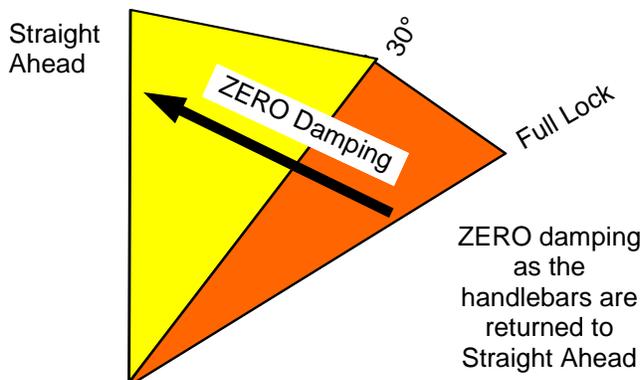
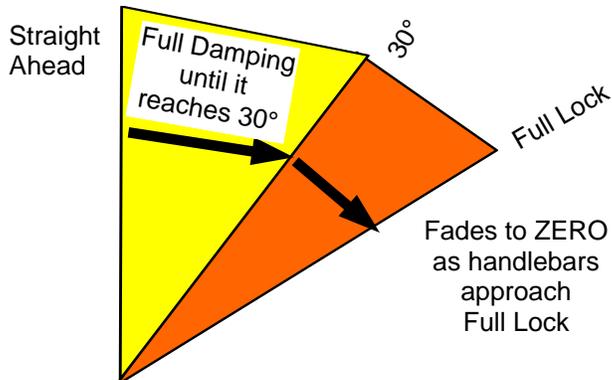


Ralle-Moto Damper Adjustments - The 3-way **M - D - C** mode switch controls a separate return-to-center porting system. This system is unique in that it enables the rider to select 3 completely different damping profiles at the flick of a switch. The sketches show the effects each setting. Only the "right side" is shown; turning the bars from center to the left results in identical operation.

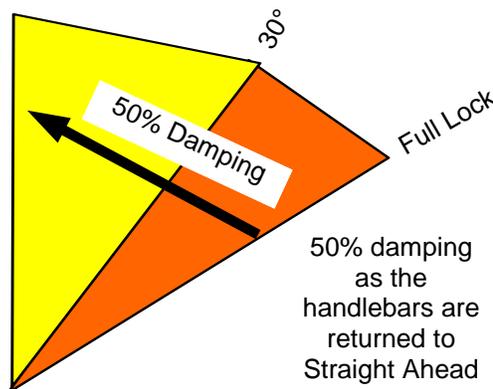
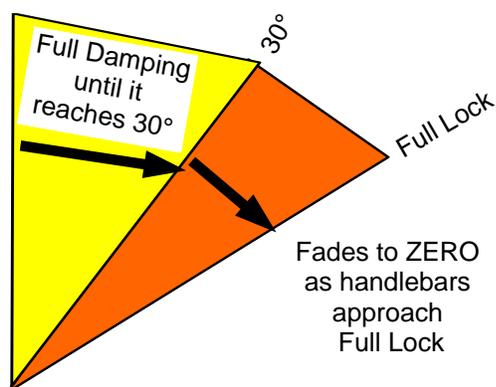
"M" for Motocross - when this mode is selected the stabilizer will damp movement per the main adjuster setting as the handle bars are turned left or right, until you reach 30°. Beyond 30° the damping effect fades to ZERO until Full Lock is reached.

On the return from Full Lock to Straight Ahead, the stabilizer has ZERO damping effect. This profile is ideal where the motorcycle/quad bike is being ridden over jumps typically found on motocross tracks, as it makes it easier to straighten the steering in the air, while drastically reducing headshake & absorbing wheel deflections caused by rocks or ruts.



"D" for Desert - when this mode is selected the stabilizer will damp movement per the main adjuster setting as the handle bars are turned left or right, until you reach 30°. Beyond 30° the damping effect fades to ZERO until Full Lock is reached.

On the return from Full Lock to Straight Ahead, the stabilizer maintains 50% of its damping effect. This profile is ideal when the motorcycle is being ridden at high speed, typically with the main adjuster set higher than position 6. This setting allows the rider to use the harder damping settings on the stabilizer to eliminate high speed headshake, while still finding the bike easy to control in the sand whoops commonly found in desert country.



"C" for cross-country - when this mode is selected the stabilizer will damp movement per the main adjuster setting as the handle bars are turned left or right, until you reach 30°. Beyond 30° the damping effect fades to ZERO until Full Lock is reached.

On the return from Full Lock to Straight Ahead the stabilizer damps movement in reverse. This profile is ideal when the motorcycle is being ridden in rocky or rutted terrain where obstacles are trying to deflect the front wheel & the handlebars from the rider's hands, typically found when riding cross-country.

